

2 (Amended). The hydrocolloid adhesive of claim 1 wherein the ethylene propylene rubber has a broad molecular weight distribution of lower molecular weight species and higher molecular weight species.

Sub B2
16 (Amended). A pressure sensitive hydrocolloid adhesive for medical use comprising the following composition by percentage weight:

C2

- a) from about 2% to about 20% ethylene propylene rubber[.]
- b) from about 2% to about 16% styrenic block copolymer[.]
- c) from about 14% – about 33% [tackifying resin selected from the group of aliphatic, cyclo-aliphatic, mixed aliphatic-aromatic, hydrocarbon, pure monomer, rosins, gums and their esters and derivatives, or terpene or polyterpene resins.] polyvinylcyclohexane tackifying resin having a softening point below about 37°C
- d) from 0% to about 0.5% anti-oxidant[.]
- e) from about 10% to about 35% NaCMC with degree of substitution below 1.0[.]
- f) from 0% to about 30.5% pectin[.]
- g) from about 3% to about 12% plasticizer[.]
- h) from 0% to about 6% tackifier with softening point below about 37°C[.]
- i) from 0% to about 25% NaCMC with degree of substitution above 1.0[.]
- j) from 0% to about 6% powdered cellulose[.]

wherein the probe tack force in grams is in the range of 400-750, saline absorbency is in the range of about 500-5000g/m²/d, and tensile strength is in the range of about 500-3500 g/cm².

Sub B3
20. A pressure sensitive hydrocolloid adhesive for medical use comprising the following composition by percentage weight

- a) from about 11.5% to about 36% of a hydrocolloid blend of ethylene propylene rubber and styrenic block copolymer[.]
- b) from about 24% to about 39% polyvinylcyclohexane tackifying resin having a softening point below about 37°C
- c) from 0% to about 0.5% anti-oxidant[.]
- d) from about 20% to about 52% absorbent powder selected from the group NaCMC[,] *consisting of* [Pectin] pectin, powdered cellulose, and pregelatinized starch, optionally including minor